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FIG.1

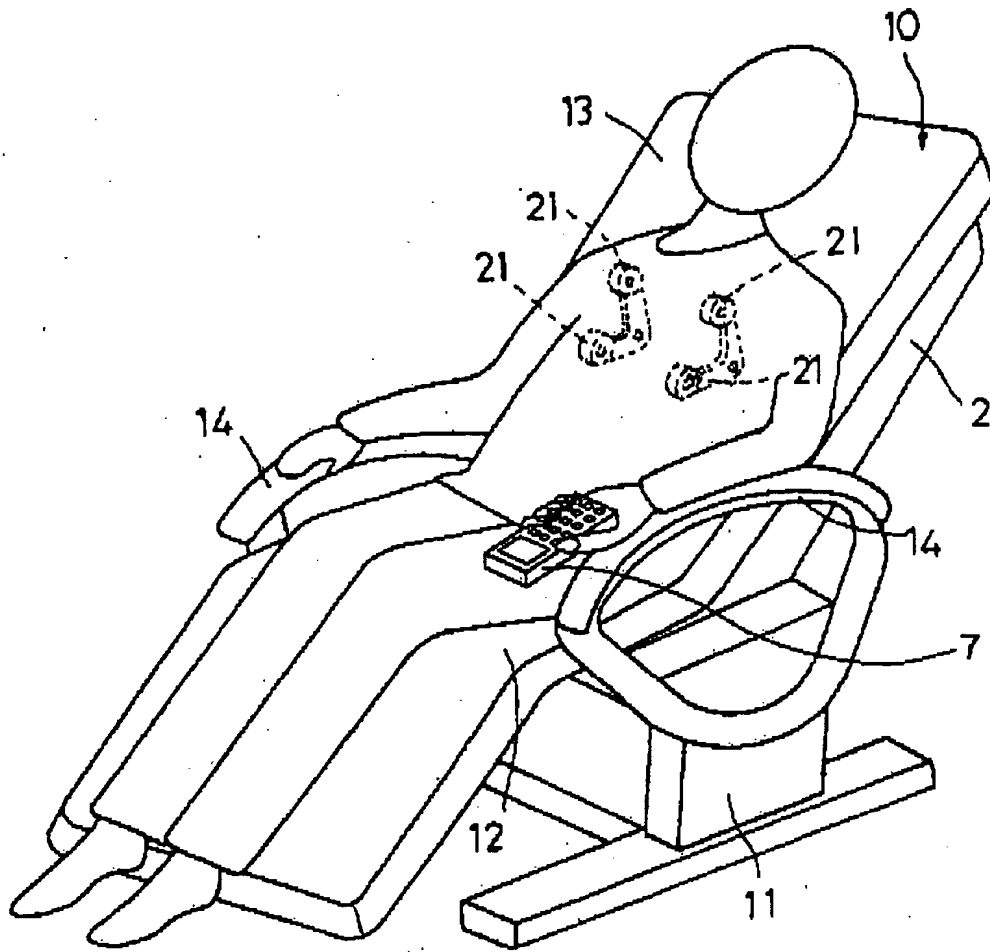


FIG. 1

FIG.2

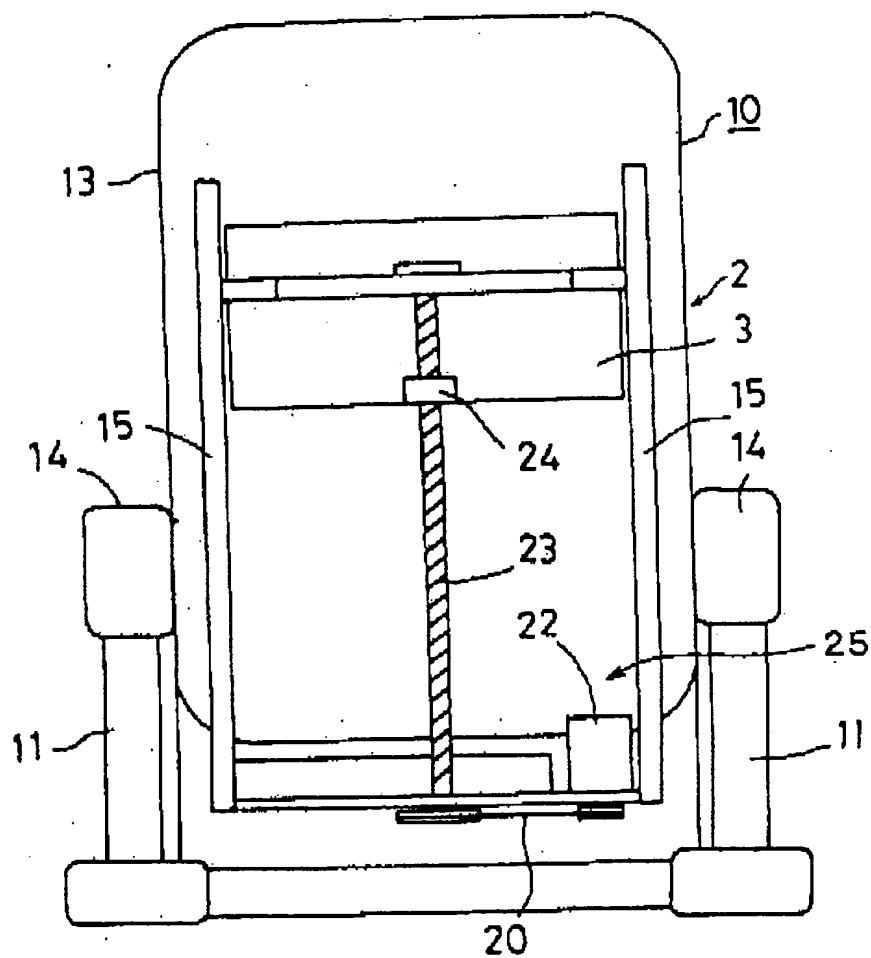


FIG. 3

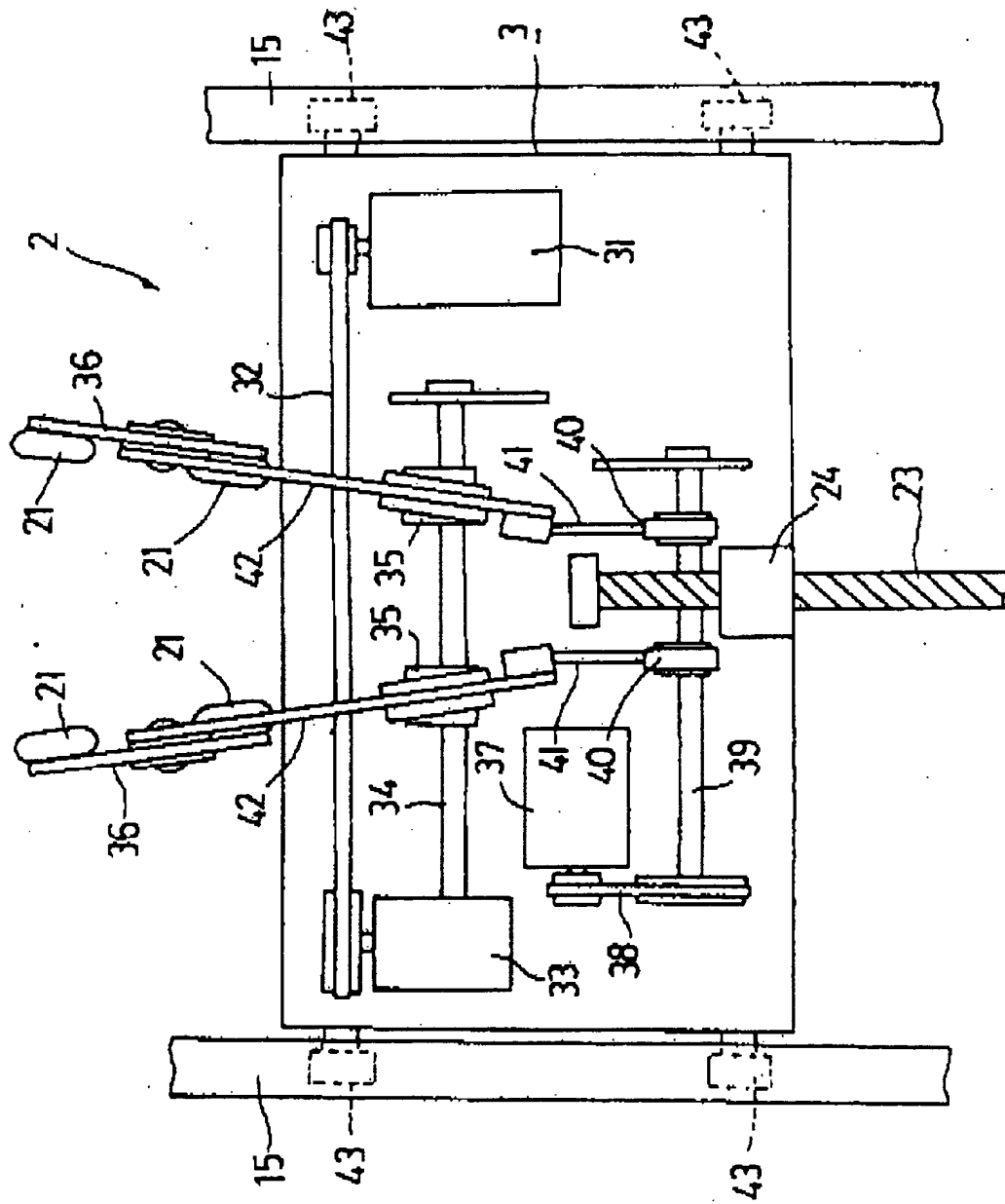
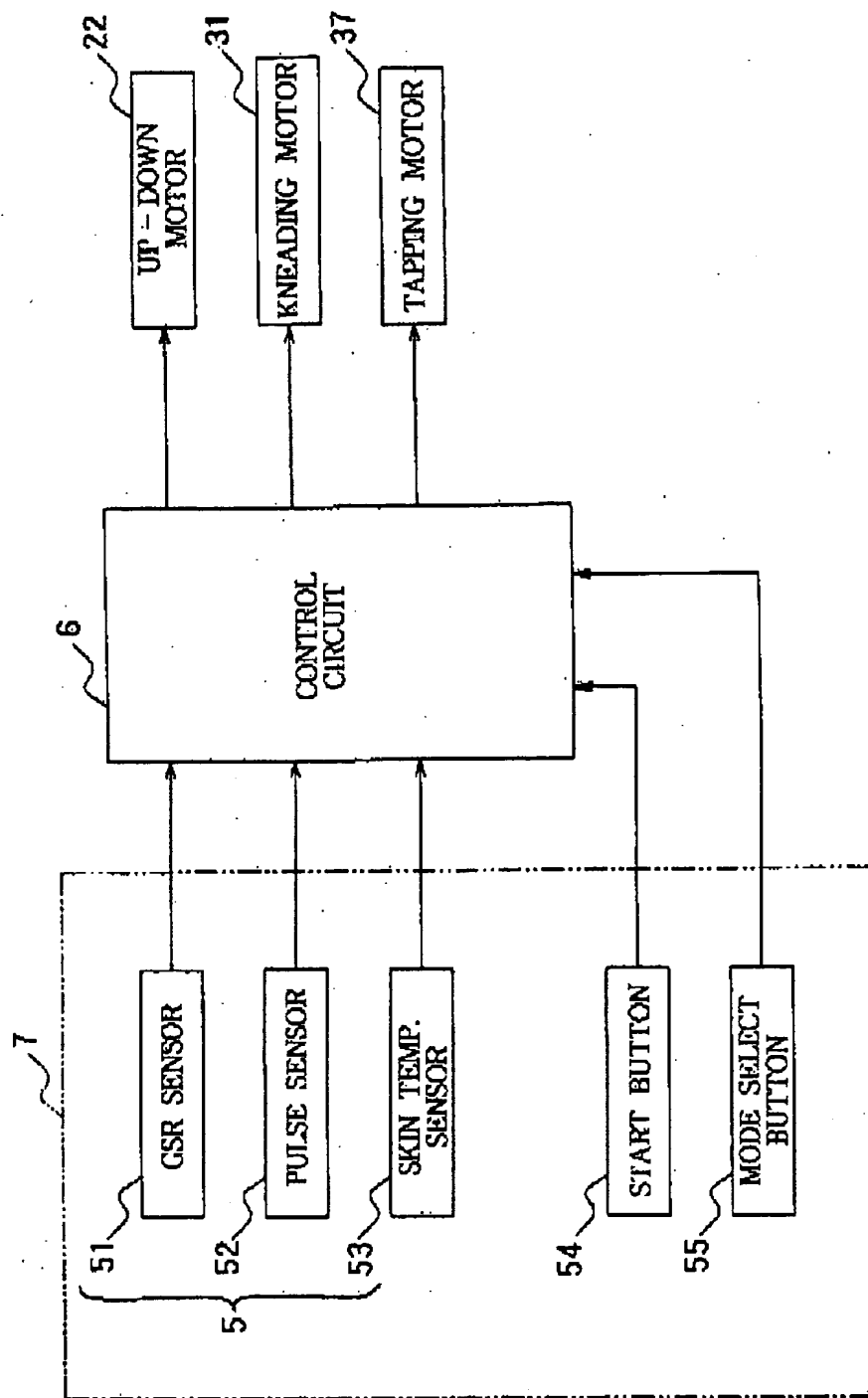


FIG. 4



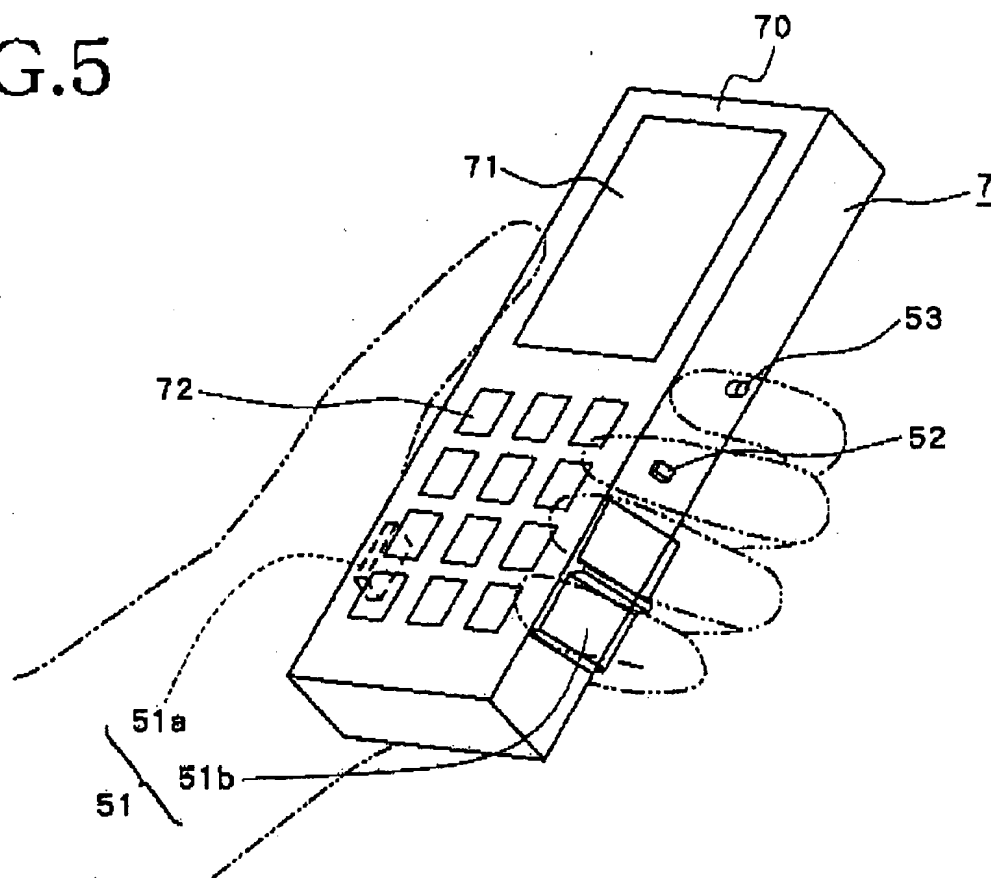
[illegible]

FIG.6

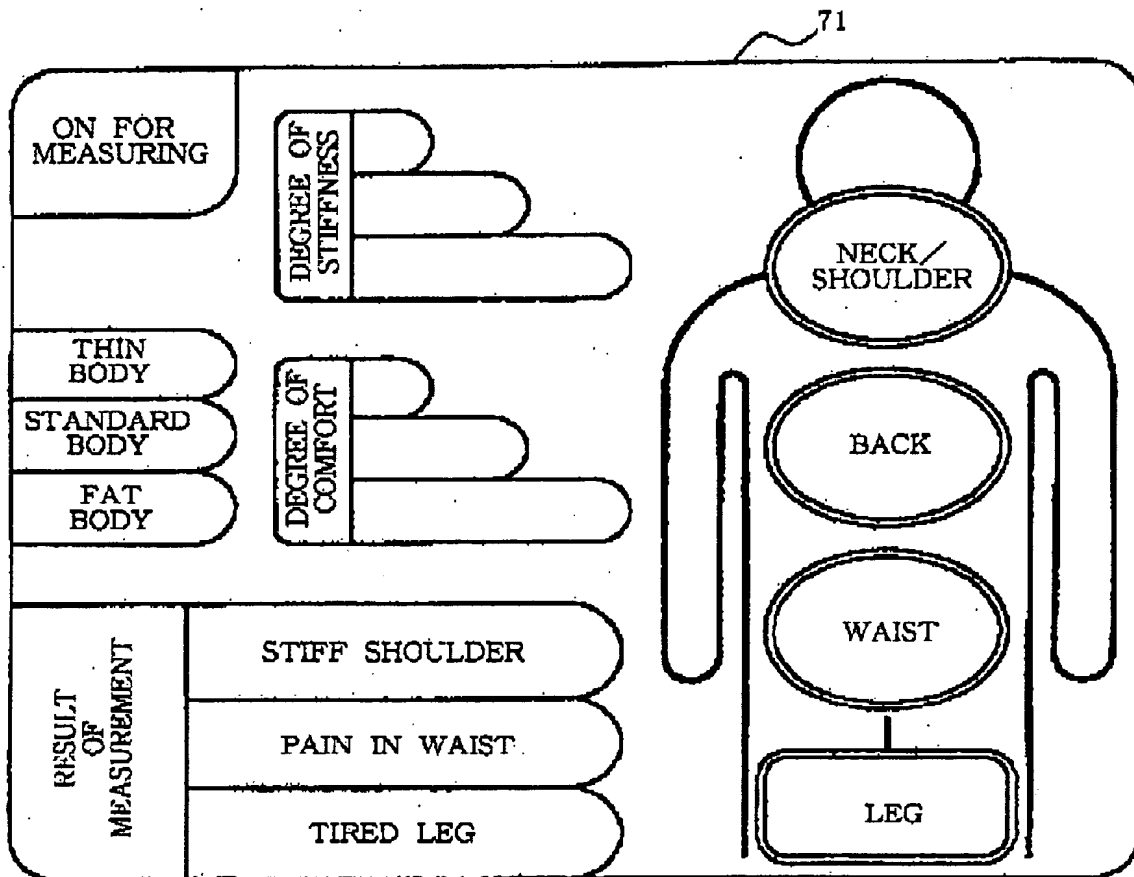


FIG. 7

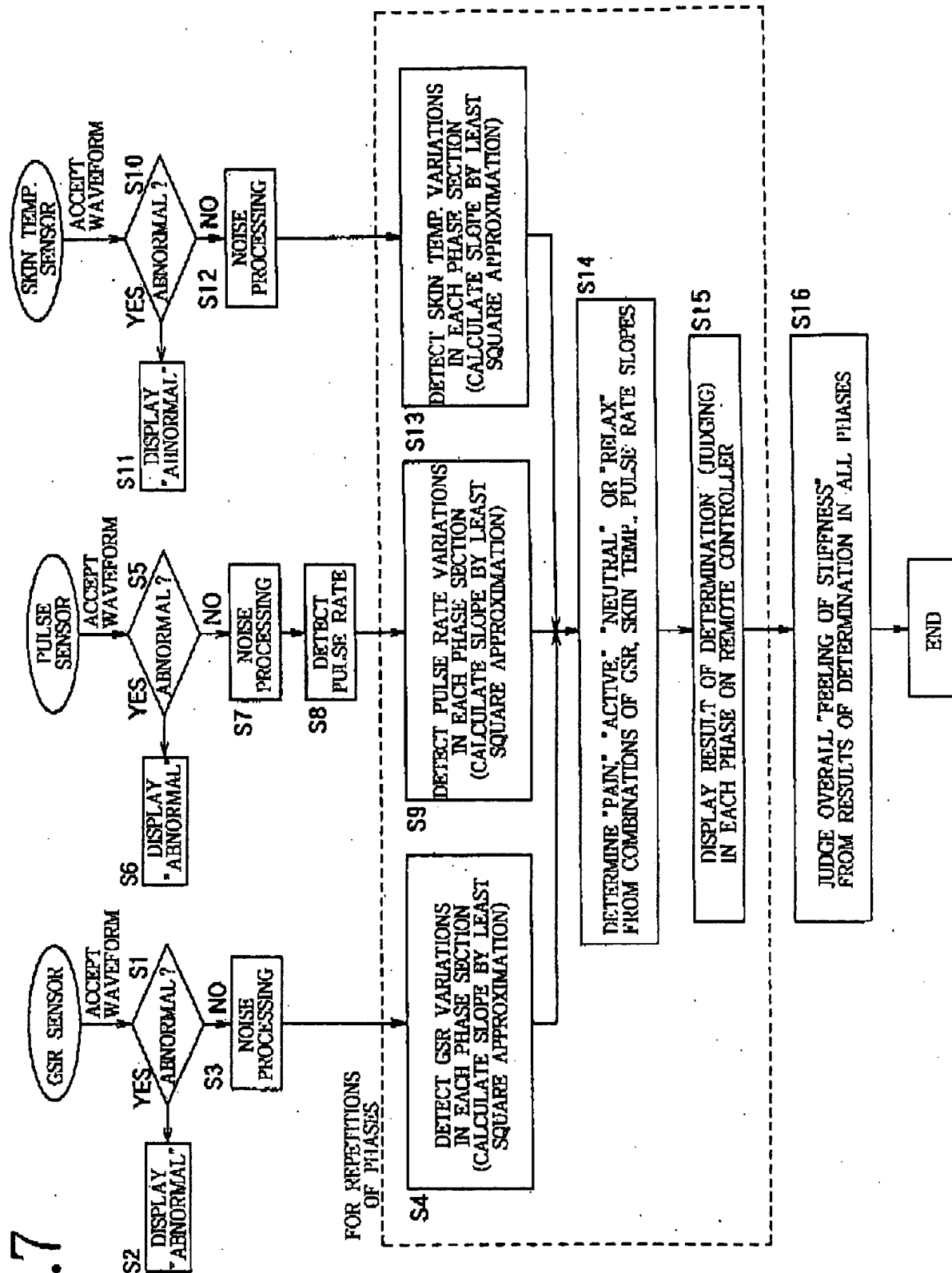


FIG.8

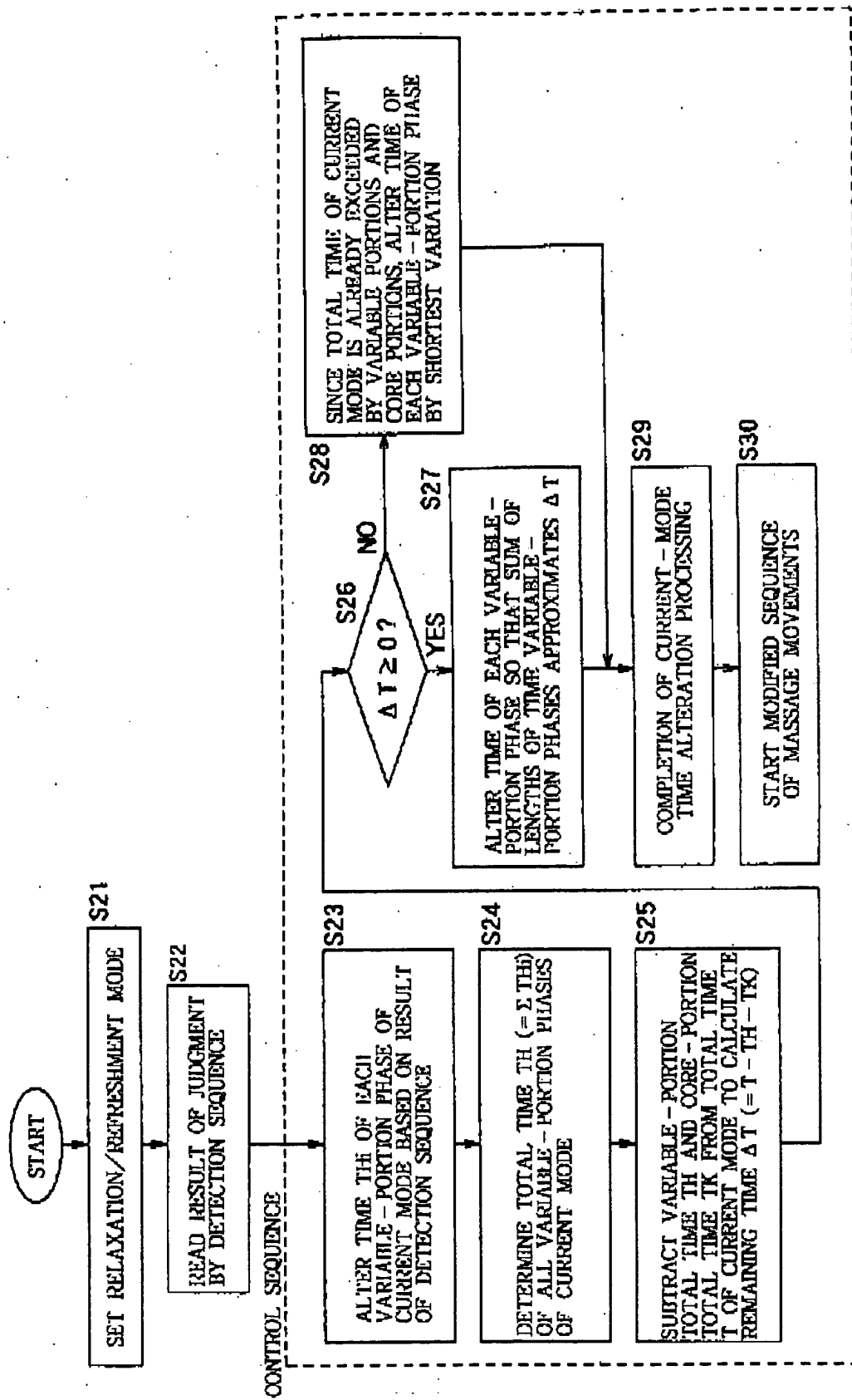


FIG.9

JUDGMENT	GSR	SKIN TEMP.	PULSE
RELAXED	$\Delta G \leq -A/\text{SEC}$	$\Delta T < 0$	$\Delta H < 0$
	$\Delta G \leq -A/\text{SEC}$	$\Delta T \geq 0$	$\Delta H < 0$
	$\Delta G \leq -A/\text{SEC}$	$\Delta T \geq 0$	$\Delta H \geq 0$
	$-A/\text{SEC} < \Delta G \leq +B/\text{SEC}$	$\Delta T \geq 0$	$\Delta H < 0$
NEUTRAL	$\Delta G \leq -A/\text{SEC}$	$\Delta T < 0$	$\Delta H \geq 0$
	$-A/\text{SEC} < \Delta G < +B/\text{SEC}$	$\Delta T < 0$	$\Delta H < 0$
	$-A/\text{SEC} < \Delta G < +B/\text{SEC}$	$\Delta T \geq 0$	$\Delta H \geq 0$
	$+B/\text{SEC} < \Delta G < +C/\text{SEC}$	$\Delta T \geq 0$	$\Delta H < 0$
ACTIVE	$-A/\text{SEC} < \Delta G < +B/\text{SEC}$	$\Delta T < 0$	$\Delta H \geq 0$
	$+B/\text{SEC} < \Delta G < +C/\text{SEC}$	$\Delta T < 0$	$\Delta H < 0$
	$+B/\text{SEC} < \Delta G < +C/\text{SEC}$	$\Delta T \geq 0$	$\Delta H \geq 0$
PAIN	$+B/\text{SEC} < \Delta G < +C/\text{SEC}$	$\Delta T < 0$	$\Delta H \geq 0$
	$\Delta G \geq +C/\text{SEC}$	don't care	don't care

FIG. 9

FIG.10 (a) RELAXATION MODE

	PART	TIME	SPEED
RELAXED	BACK	NO PAIN	MEDIUM
	OTHERS	1.5 TIMES	MEDIUM
NEUTRAL	—	NO PAIN	MEDIUM
ACTIVE	BACK	ZERO	—
	OTHERS	0.75 TIMES	SLOW
PAIN	BACK	ZERO	—
	OTHERS	0.5 TIMES	SLOW

FIG.10 (b) REFRESHMENT MODE

	PART	TIME	SPEED
RELAXED	BACK	0.5 TIMES	MEDIUM
	OTHERS	0.5 TIMES	HIGH
NEUTRAL	—	NO PAIN	MEDIUM
ACTIVE	BACK	NO PAIN	MEDIUM
	OTHERS	1.5 TIMES	MEDIUM
PAIN	BACK	ZERO	SLOW
	OTHERS	0.5 TIMES	SLOW

FIG.11

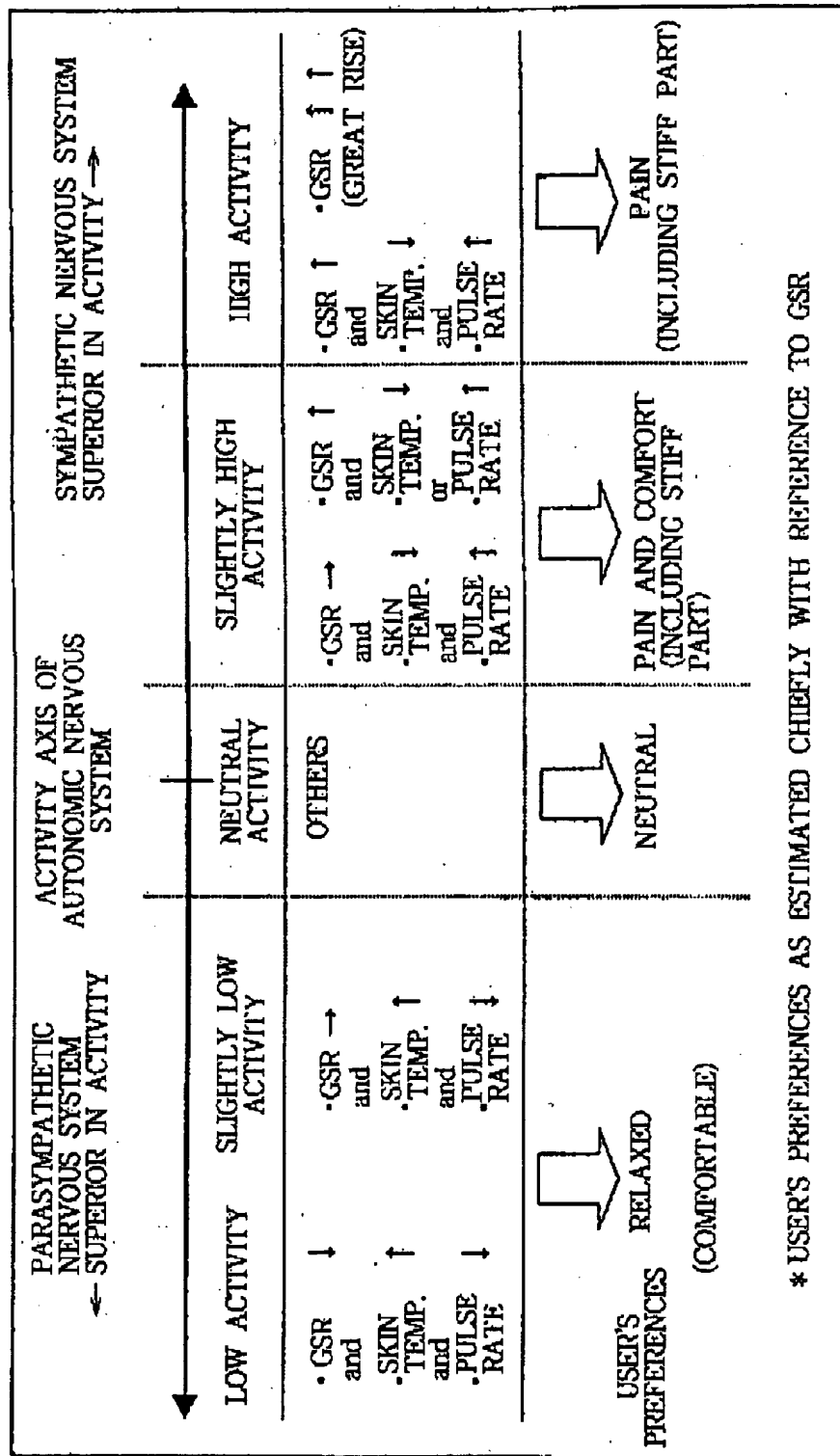


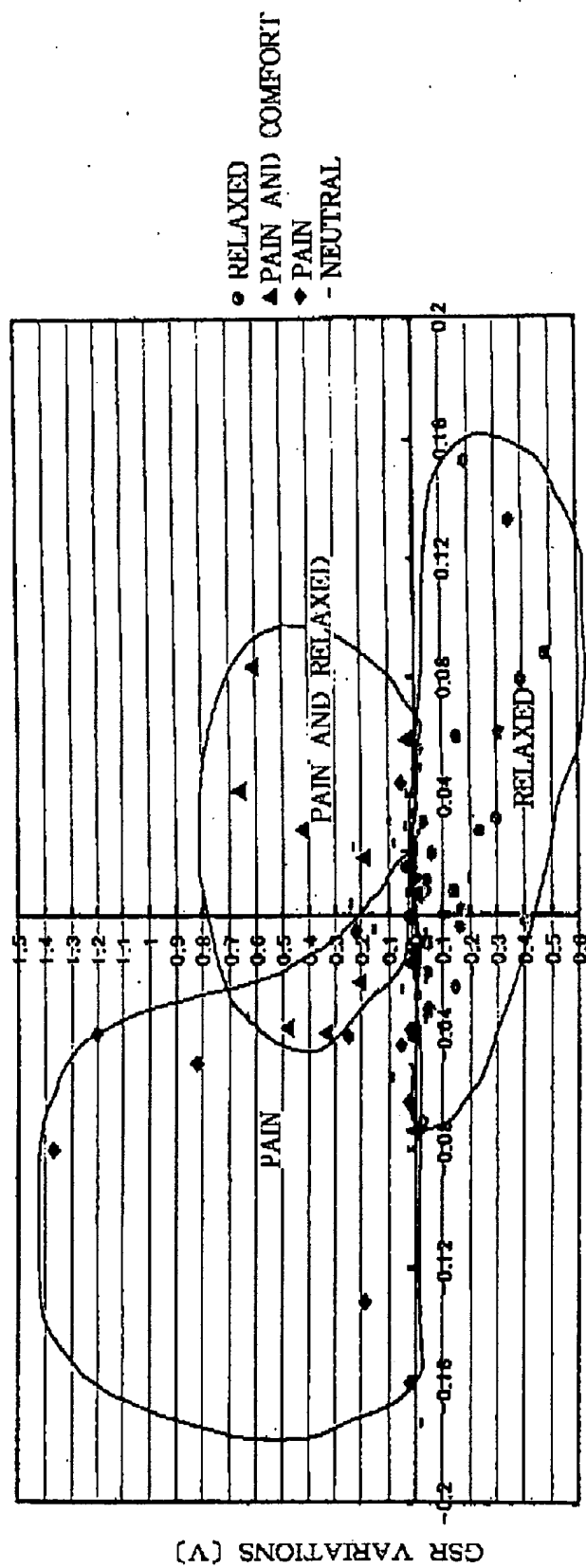
FIG.12

PS1*1 PS2*2	RELAXED	NEUTRAL	ACTIVE (PAIN AND COMFORT)	PAIN	TOTAL
RELAXED	30	3	0	0	33
NEUTRAL (BOTTOM NOT PRESSED)	2	26	14	0	42
ACTIVE (PAIN AND COMFORT)	0	0	14	2	16
PAIN	0	0	4	13	17

* 1 PS1 MEANS "PSYCHOLOGICAL STATE AS ESTIMATED."

* 2 PS2 MEANS "PSYCHOLOGICAL STATE AS RECOGNIZED SUBJECTIVELY."

FIG.13



● RELAXED
▲ PAIN AND COMFORT
◆ PAIN
- NEUTRAL

SKIN TEMP. VARIATIONS (V)

FIG.14

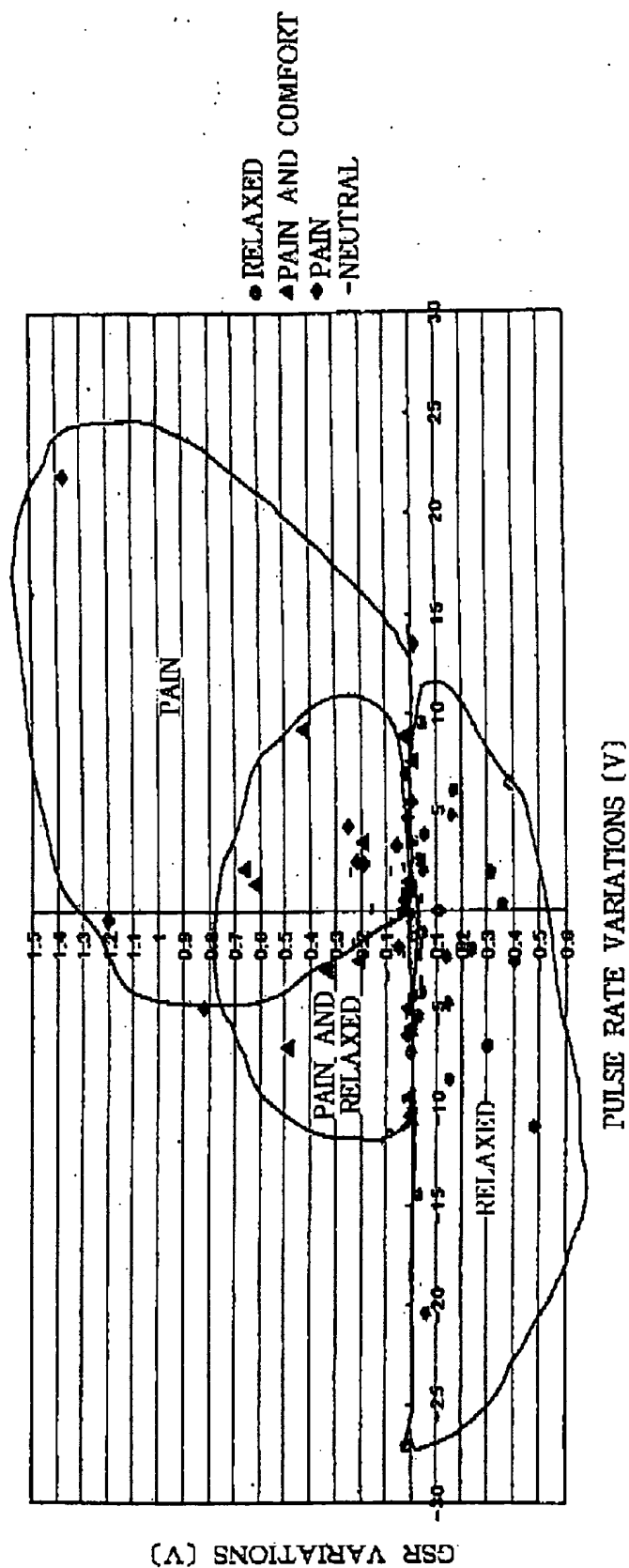


FIG.15

MESSAGE MOVEMENT NO.	CORE PORTION DEFAULT	VARIABLE PORTION DEFAULT	ALL* PAIN	ALL ACTIVE	ALL RELAXED
	(TIMES) 30 (TIMES)	(TIMES) (SEC) 6+6 30	(TIMES) (SEC) 3+3 15	(TIMES) (SEC) 4+4 20	(TIMES) (SEC) 9+9 45
1,2,3	○ 30	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
4,5,6	○ 5	○ 6+6 30	○ 0 0	○ 0 0	○ 6+6 30
7	○ 5	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
8,9,10	○ 10	○ 9 20	○ 5 10	○ 5 10	○ 13 30
11	○ 5	○ 9 20	○ 0 0	○ 0 0	○ 9 20
12,13,14	○ 5	○ 9 20	○ 5 10	○ 5 10	○ 13 30
15	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
16	○ 5	○ 6+6 30	○ 0 0	○ 0 0	○ 6+6 30
17	○ 5	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
18	○ 5	○ 6+6 30	○ 0 0	○ 0 0	○ 6+6 30
19	○ 5	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
20	○ 10	○ 9 20	○ 5 10	○ 5 10	○ 13 30
21	○ 10	○ 9 20	○ 5 10	○ 5 10	○ 13 30
22,23,24	○ 5	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
25	○ 5	○ 6+6 30	○ 0 0	○ 0 0	○ 6+6 30
26,27,28	○ 5	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
29	○ 5	○ 6+6 30	○ 0 0	○ 0 0	○ 6+6 30
30,31,32	○ 20	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
33,34	○ 20	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
35,36,37	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
38	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
39,40,41	○ 10	○ 9 20	○ 5 10	○ 5 10	○ 13 30
42	○ 10	○ 9 20	○ 5 10	○ 5 10	○ 13 30
43	○ 10	○ 9 20	○ 5 10	○ 5 10	○ 13 30
44	○ 20	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
45	○ 20	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
46,47	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
48,49,50	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
51	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
52,53,54	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
55	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
56,57,58	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
59	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
60,61,62	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
63	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
64,65,66	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
67	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
68,69,70	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
71	○ 10	○ 6+6 30	○ 3+3 15	○ 4+4 20	○ 9+9 45
SUBTOTAL	200	520	520	520	640
TOTAL		720	720	720	840

* ALL MEANS "AS ESTIMATED BY THE SEQUENCE OF ALL PRELIMINARY MESSAGE MOVEMENTS."

FIG.16

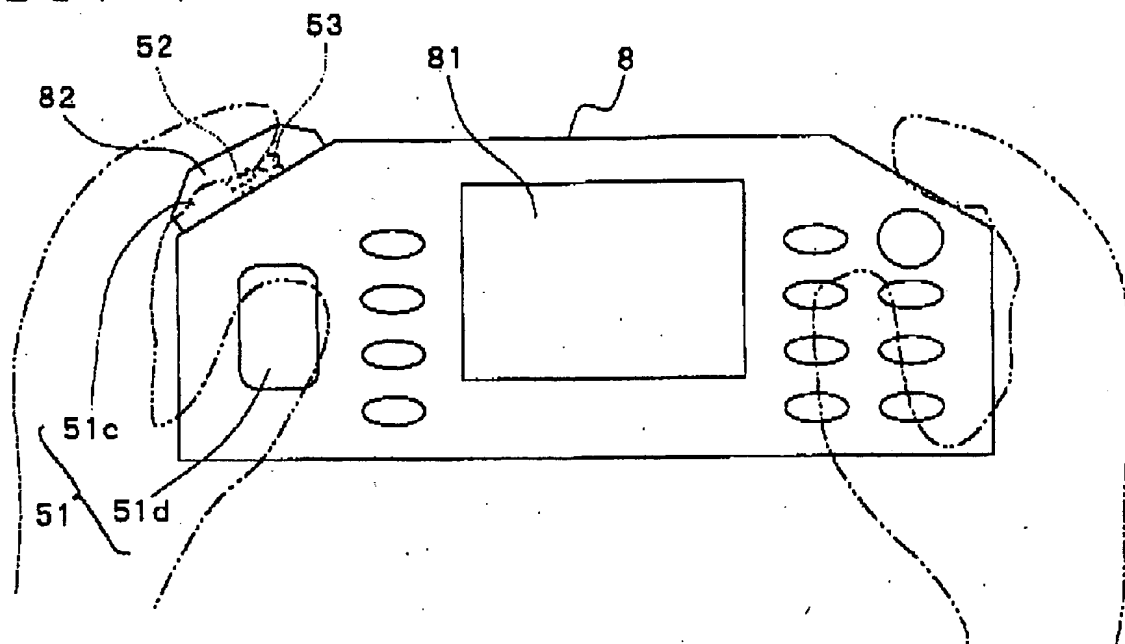


FIG.17 (a)

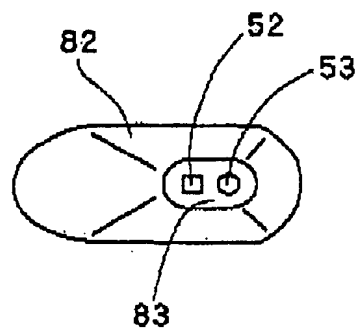


FIG.17 (b)

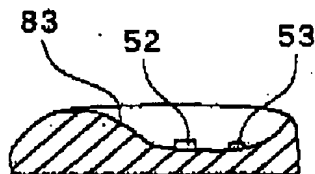


FIG.18 (a) FIG.18 (b)

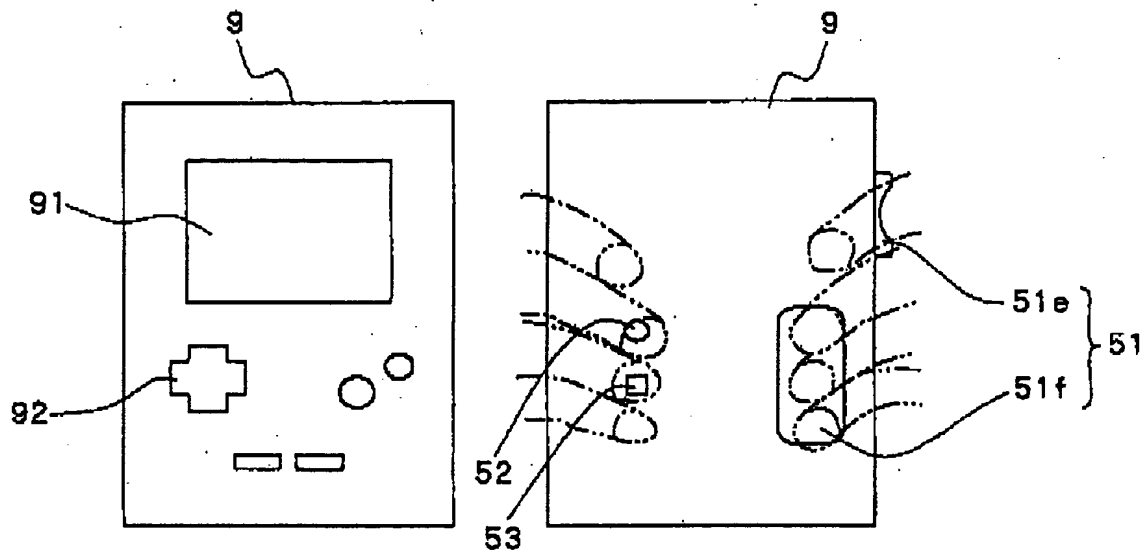


FIG.19

